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**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

DATE: December 6, 2002

SUBJECT: Industrial Highway/Conservation Chemical Site, Gary, Lake County, IN

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POLREP 32

II. BACKGROUND

CERCLA Site No: Z590
CERCLIS ID Number: IND040888992
Delivery Order Number: 3141-25
Response Authority: OPA CERCLA
OPA ID Number: FPN#: 098022
Account Number: 90
NPL Status: Not on NPL
IDEM Notification: Yes
Start Date: Sept 1998
Completion Date: Pending

III. SITE INFORMATION

- A. See POLREP 1-26 for previous U.S. EPA removal actions. U.S. EPA has re-mobilized to the Conservation Chemical/ Industrial Highway site at 6499 Industrial Highway in Gary, Indiana. U.S. EPA will install six recovery wells and a treatment building and system to collect an estimated 125,000 gallons of free product (crude oil) which lies beneath the former Berry Oil refinery and Conservation Chemical (CCCC) site. The installation and operation of the oil collection system will halt the release of oil to the unnamed ditch at the Gary/Chicago Airport which is a tributary to the Grand Calumet River. The CCCC site work was completed in 2002 under a PRP lead consent order which was overseen by U.S. EPA. Any CERCLA work conducted under this action will be billed to Delivery Order #9801-05-09. This will include on-site excavation, treatment and disposal of contaminated soil and support costs.

IV. RESPONSE INFORMATION

A. Situation

1. Planned Activities:

Construction of water treatment building will continue. The building will be completed next Monday and electric and HVAC will be installed. ERRS will install electrical wiring and conduit from the water treatment building to the extraction wells. Consolidation of the waste soil on-site will be completed. Plumbing and electrical wiring to the extraction wells and treatment building will continue next week.

Conduct bench test for waste soil stabilization with lime kiln dust and fly ash.

2. Completed activities:

Monday, December 2, 2002, ERRS excavated soil from around stub ups near water treatment building for electrical conduit and continued to consolidate waste soil. Construction of water treatment building continued. ERRS began cutting tops of 10" well heads to the right height.

Tuesday, December 3, 2002, construction of water treatment building continued. ERRS continued cutting the 10" well heads down to size. Consolidation of waste soil continued.

Wednesday, December 4, 2002, construction of the water treatment building continued. Construction of the roof was completed. Consolidation of waste soil on the site was completed. ERRS began installation of electrical wiring from the water treatment building to the extraction wells.

Thursday, December 5, 2002, construction of the water treatment building continues. ERRS completed the installation of electrical wiring from the water treatment building to the extraction wells. ERRS began installing conduit from building stub ups to extraction wells for well signal switches.

Friday, December 6, 2002, construction of the water treatment building continued. ERRS continued installing conduit and wiring for signal wire from treatment building stub ups to extraction wells. START collected samples for bench test of soil stabilization material with lime kiln dust and fly ash.

3. Enforcement:

Refer to Action Memorandum

B. Next Steps

The construction on the proposed treatment building will continue. A 20' by 20' treatment building is being constructed to house the water treatment equipment. The remaining construction and installation will take 1-2 more days to complete.

Lime kiln dust or fly ash will be utilized to chemically fixate the excavated soil which failed TCLP for lead. Disposal at Allied Waste has been approved once fixation and confirmation sampling is completed. A treatability test was conducted on Friday December 6 and seven samples were shipped to the lab for TCLP lead analysis.

C. Key Issues

Once the treatment systems are up and operational, U.S. EPA will operate for 3 years only. At that time the Gary Chicago Airport will have to assess whether they will continue operation of the oil collection systems.

V. **COST INFORMATION (estimated as of December 3, 2002)**

A CERCLA Funding(Conservation Chemical)

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$ 423,139.06	\$ 690,000.00

B. OPA Funding(Industrial Highway)

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$ 1,175,544.40	\$ 1,240,000.00
START	\$ 19,388.42	\$ 32,000.00
Total	\$ 1,194,932.82	\$ 1,272,000.00

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. **Waste Disposal**

No waste has been disposed of as of December 6, 2002